

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION III
1650 Arch Street
Philadelphia, Pennsylvania 19103-2029

SUBJECT: Lithium Reanalysis – HW16 18 July 2012
Dimock, PA

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Samples initially collected from residential wells in Dimock during Weeks 1 through 4 were recently reanalyzed to achieve lower detection limits for lithium. Findings for HW16 are presented below.

Lithium

Lithium was reported in wellhead and tap samples collected from HW16 (unfiltered and filtered) at concentrations of 100 to 105 ug/L. These concentrations exceed lithium's risk-based screening level of 31 ug/L; long-term exposure to the unfiltered tap concentration of lithium (100 ug/L) would generate a Hazard Quotient of 3.2. Under acute exposure conditions, ATSDR has suggested a screening concentration of 1500 ug/L for lithium in drinking water.



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